

We claim:

1. A computer network access system for establishing access for multiple devices simultaneously and from one access point comprising:
 - a. at least two devices capable of sending, receiving or accessing data;
 - b. a computer access device (GCNAD) connected to said remote data devices, said GCNAD capable of connecting said data devices to the computer network, the computer network accessing software for establishing the connection between the GCNAD and the computer network; and computer network accessing software for establishing the connection between the GCNAD and the data devices.
2. The system of claim 1 wherein said GCNAD comprises:
 - a first input modem for connecting said GCNAD with a said remote data device;
 - an output modem for connecting to and establishing communication with the computer network; and
 - a central processing unit for executing said accessing software.
3. The system of claim 2 wherein said accessing software for establishing the connection between the GCNAD the global computer network comprises a dip utility program to dial out through said output modem to connect to an Internet Service Provider.
4. The system of claim 1 wherein said remote data devices comprise a personal computer and a facsimile machine.
5. The system of claim 4 wherein said accessing software in said GCNAD comprises a dip login server program to enable a remote personal computer device to dial-up the GCNAD and establish communication with the GCNAD.
6. The system of claim 2 wherein said GCNAD further comprises a second input modem for providing communication with a said remote data device.

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